INDUSTRY PROFILES

Forestry Industry

2015

Alberta

Overview:

The Forestry and Logging with Support Activities industry[1] in Alberta includes establishments that:

- produce seedlings in specialized nurseries and gathering forest products such as gums, barks, and balsam needles;
- grow or harvest timber on a long production cycle (10 years or more); and
- provide related support services.

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[1] North American Industry Classification System (NAICS) 2007 major group 113 and 1153

Section A: Business Environment

1. 2014 Employment and Unemployment Numbers and Rates

Table 1

	Alberta	Forestry and Logging with Support Activities Industry
Employment	2,274,600	3,000
Employment Share	N/A	0.1%
Unemployment	111,700	N/A
Unemployment rate	4.7%	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2015
Note: N/A denotes not-applicable and data suppressed by Statistics Canada due to insufficient sample size.

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics[2] or Statistics Canada[3] websites.

2. Industry's Growth

- The Forestry and Logging Support Activities industry accounted for 0.1% of total employment in Alberta in 2014.
- Employment in is this industry expected to grow at an average rate of 4.3% from 2015 to 2019[4].
- The industry is expected to account for 0.1% of total employment in Alberta in 2015.

For more information, see the Alberta Learning Information Service (ALIS)[5] website for descriptions of industries.

[2] See http://work.alberta.ca/labour/labour-force-statistics-and-annual-reviews.html
[3] See http://www.statcan.gc.ca
[4] Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2015 – 2019, Industry Employment Outlook
[5] See http://www.alis.alberta.ca

3. Facts, Trends and Outlook

According to Statistics Canada's National Economic Accounts, the Forestry and Logging with Support Activities industry accounted for approximately 0.1% [6] of Alberta's Gross Domestic Product in 2014, down from 0.2% in 2004. Its contribution to Alberta's total employment declined from 0.3% in 2004 to 0.1% in 2014.

Total employment (the total number of employees and self-employed people, 15 years and over) in 2014 was 11.1% higher than its level in 2013. Over the last 10 years, employment decreased by 1,700 from 2004, a 36.2% decrease. There were 3,000 employed in the industry in 2014, of whom 90.0% were full time and 10.0% were part time.

Table 2

Characteristic	Alberta	Forestry, Fishing, Mining and Oil and Gas*
Median Retirement Age (years)	62.4	62.3
Average Number of Hours Worked per Week	37.5	45.7
Multiple Jobholders (% of total employment)	5.7%	2.7%
Average Job Tenure (months)	88.2	78.4
Employees Under Union Coverage (%)	83.1%	91.5%
Employees Working Overtime per Week (%)	19.4%	29.8%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Tables 282-0022, 282-0031, 282-0042, 282-0078 and 282-0084, 2015 and custom tabulation (median retirement age)

* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size.

Note: The percentage of multiple jobholders in Alberta is obtained by dividing the number of multiple jobholders in Alberta by total employment in Alberta. The percentage of multiple jobholders in the industry is obtained by dividing the number of multiple jobholders in the industry by total employment in the industry. This calculation method also applies to the percentage of employees under union coverage and the percentage of employees working overtime per week.

According to *Alberta Occupational Demand Outlook 2013-2023*[7], employment growth in the Logging and Forestry workers occupations is expected to be below Alberta's average rate for all occupations of 2.3%.

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[6] This is for North American Industry Classification System (NAICS) 2007 code 11: Agriculture, forestry, fishing and hunting which includes support activities for forestry 1153.

[7] See http://work.alberta.ca/labour/occupational-demand-and-supply-forecast.html

4. Size of Businesses in Alberta and the Industry

Table 3

Establishment Size	Businesses in Alberta		Businesses in Forestry, Fishing, Mining, Oil and Gas*	
	Number of Employees	%**	Number of Employees	%**
Less than 20 employees	696,900	36.9%	34,800	21.3%
20 to 99 employees	674,500	35.7%	51,600	31.6%
100 to 500 employees	334,100	17.7%	37,500	23.0%
Over 500 employees	185,200	9.8%	39,300	24.1%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0076, 2015
* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size.
** Percentages may not add up to 100 due to rounding.
Note: Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the total number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

Section B: Human Resources Profile

1. Occupational Information

Some examples of occupations in the Forestry and Logging with Support Activities industry include:

- forest technologist and technician;
- forester;
- logging equipment operator;
- conservation officer; and
- park warden.

For a complete listing of all occupations related to this industry as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles[8] website.

2. Demographics: Gender and Age

According to the Labour Force Survey, the gender breakdown in the Forestry, Logging with Support Activities industry in 2014 was as follows:

- women employed: Data not available due to insufficient sample size
- men employed: 1,900 people, or 63.3%

Overall in Alberta, women accounted for 44.8 % and men made up 55.2% of total employment (for all industries).

Table 4

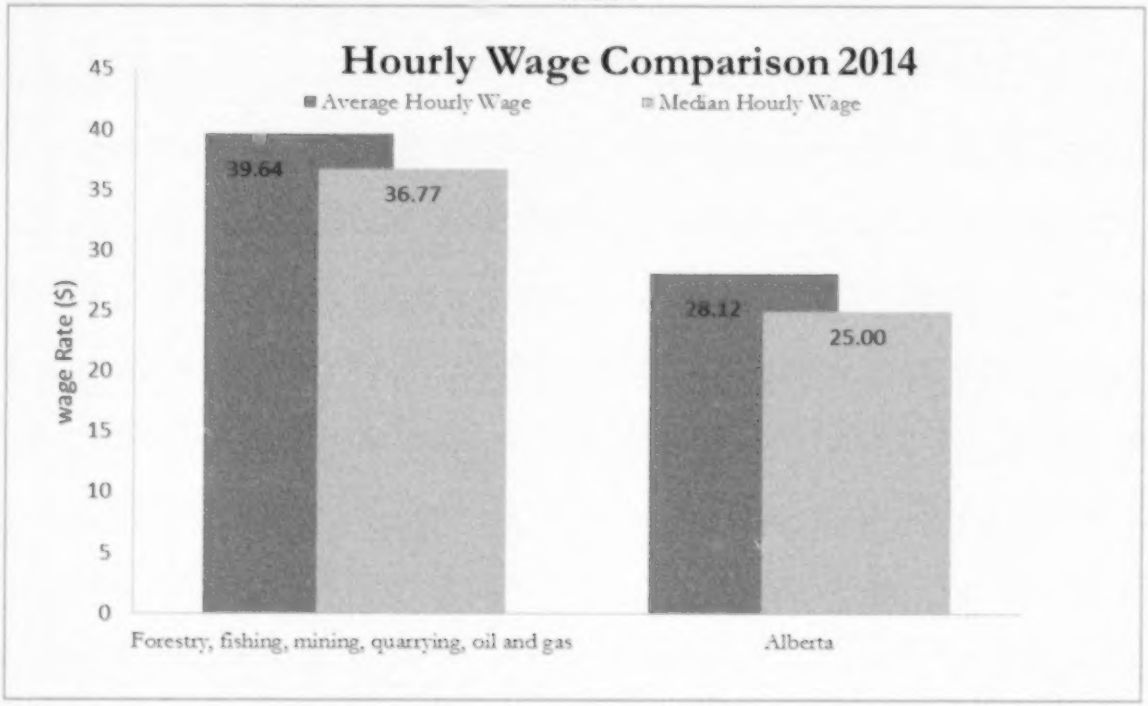
Age Characteristics	Employment in Alberta		Employment in Forestry and Logging with Support Activities	
	Number	%	Number	%
15-24 years	354,100	14.8%	N/A	N/A
25-54 years	1,605,000	67.3%	2,100	3.5%
55 years and over	427,200	17.9%	N/A	N/A

Data Source: Statistics Canada. Labour Force Survey, CANSIM Table 282-0008, 2015
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

[8] See http://www.alis.alberta.ca/occinfo

3. Wages and Salaries

Chart 1



Data Source: Statistics Canada. Labour Force Survey, CANSIM Table 282-0072, 2015
*Forestry and logging is grouped with fishing, mining, oil and gas because of small sample size.
Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Table 5

Occupation	Average Hourly Wage			Average Annual Salary
	Starting	Overall	Top	
Truck driver	$ 28.52	$ 30.80	$ 33.47	$ 94,520
Forestry professional	$ 31.12	$ 37.70	$ 40.32	$ 74,640
Logging machinery operator	$ 24.54	$ 26.67	$ 26.67	$ 78,687
Conservation officer	$ 25.98	$ 30.57	$ 33.67	$ 58,393

Data Source: 2013 Alberta Wage and Salary Survey

For more information on the *2013 Alberta Wage and Salary Survey*, refer to the WAGEinfo[9] webpage. For job descriptions, duties, required skills and education for specific occupations in the Forestry and Logging with Support Activities industry, visit the ALIS[10] website.

Section C: Additional Information

Links to Industry Associations

- Alberta Forest Products Association (http://www.albertaforestproducts.ca)
- College of Alberta Professional Forest Technologists (http://www.capft.ca)
- Resources Industry Suppliers Association (http://www.resourcesuppliers.com)

[9] See http://www.alis.alberta.ca/wageinfo
[10] See http://www.alis.alberta.ca

Call us or visit our website for more information or to find the following publications:

- 2014 Annual Alberta Labour Market Review
- Monthly Alberta Labour Force Statistics Highlights and Packages
- Alberta's Occupational Demand and Supply Outlook
- Alberta Labour Force Profiles
- Alberta Industry Profiles

www.work.alberta.ca/labour.html (see Labour Market Information)
In Edmonton: 780.422.4266
Long distance: 1.800.661.3753

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